

PATENT Docket No. C 2178 PCT/US



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

in re:

Application of:

Bornscheuer, et al.

PCT/EP00/03764

Serial No. 10/009,316

16 Examiner: Art Unit:

Filed: 05/02/2002

TITLE: METHOD FOR THE SELECTIVE ESTERIFICATION OF

POLYOLES

"Express Mail Post Office to Addressee" service Mailing Label Number <u>EL780370505US</u>.

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents Washington, DC 20231

Sir:

Transmitted herewith is an Information Disclosure Statement ("IDS") in the above-referenced application, together with an IDC form listing all references cited and a copy of each reference.

This IDS is being mailed within three months of filing of the above captioned application, if it is a national application, or within three months of entering, as set forth in 37 C.F.R. § 1.491, the national stage of the above captioned application, if the above captioned application is an international application. Therefore, consideration of the IDS by the Patent and Trademark Office, without the payment of any additional fee, is believed to be due under 37 C.F.R. § 1.97(b).

Case C 2178 PCT/US Serial No. 10/009,316

All the references are in English and/or are cited in an accompanying English language version of a search report by another patent office, so that comment on the references by the applicant is not required under 37 C.F.R. § 1.98(a).

Respectfully submitted,

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JED/ras

Enclosures: (1) International Search Report

(2) IDC (w/References)

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Form PTO-1449 INFORMATION DISCLOSURE CITATION			Docket No. C 2178 PCT/US		Serial No. 10/009,316			
			licant: Bornscheuer, et al.	10/000,010				
			g Date:	Group:				
			05/02/2002 To be assigned					
· · ·			TENT DOCUMENTS					
Examiner Initials*	Document Number	Date	Name	Class	Subclass	Filing Da		
	5,496,930	3/5/96	Holla et al. (Equiv. To EP 0337920)					
		FOREIGN	PATENT DOCUMENTS					
Examiner Initials*	Document Number	Date	Country	Class	Subclass	Translation Yes No		
	0 337 920 A2	10/18/89	Europe (Equiv. to US 5,496,930)			Abstract		
	196 26 943 A1	1/8/98	Germany			Abstract	<u> </u>	
	0 357 009 A2	3/7/90	Europe			English	<u> </u>	
OTHER DO	CUMENTS (Including Author,	Title, Date,	Pertinent Pages, Volume-Iss	ue No., Pul	blisher, City v	vhere publish	ned	
	MICROBIAL TECHNOLOG Adelhorst, et al., "Enzyme 1990), pgs. 112-115	SÝ, Vol. 17, Catalysed P	noacylation of Fructose by Tv (1995), pgs. 157-162 reparation of 6-O-Acylglucop TION AND APPLICATIONS,	yranosides	", SYNTHES	IS, (February		
	(1974) (reciting entire book) Budzianowski, et al., "Phenylpropanoid Esters from Lamium Album Flowers", PHYTOCHEMISTRY, Vol. 38,							
	No. 4, (1995), pgs. 997-1001							
	Kimura, et al., "Effects of Caffeoylglycosides on Arachidonate Metabolism in Leukocytes", PLANTA MEDICA, (1987), pgs. 148-153							
	Ata, et al., "Inhibition by Galloylglucose (GG6-10) of Tumor Invasion through Extracellular Matrix and Gelantinase-mediated Degradation of Type IV Collagens by Metastatic Tumor Cells", ONCOLOGY RESEARCH, Vol. 8, No. 12, (1996), pgs. 503-511							
	Slagowska, et al., "Inhibition of Herpes Simplex Virus Replication by Flos Verbasci Infusion", POL. J. PHARMACOL. PHARM., Vol. 39, (1987), pgs. 55-61							
	Abdallah, et al., "Phenylpropanoid Glycosides of Prunus Ssiori", PHYTOCHEMISTRY, Vol. 37, No. 6, (1994), pgs. 1689-1692							
	Nicoletti, et al., "Phenylpropanoid Glycosides from Calceolaria Hypericina", PHYTOCHEMISTRY, Vol. 27, No. 2, (1988), pgs. 639-641							
	Kashiwada, et al., "Tannins and Related Compounds", CHEM. PHARM. BULL., Vol. 32, No. 9, (1984), pgs. 3461-3470							
	Ushiyama, et al., "Biotranformation of Phenylcarboxylic Acids by Plant Cell Cultures", PHYTOCHEMISTRY, Vol. 28, No. 12, (1989), pgs. 3335-3339 Lyons, et al., "Caffeoyl Ester Accumulation in Corn Leaves Inoculated with Fungal Pathogens",							
	PHYTOCHEMISTRY, Vol.	29, No.1, (1	990), pgs. 97-101					
	(1988), pgs. 644-646	·	es from Parabenzoin Praecox					
	No. 5, (1988), pgs. 1473-1	477	ycinnamoylglucoses from Rh					
	Lang, et al., BIOSURFACTANTS AND BIOTECHNOLOGY, Vol. 25, Editors: Kosaric, et al., Marcel Dekker, Inc., New York, (1987), pgs. 21-45							
	Chopineau, et al., "Production of Biosurfactants from Sugar Alcohols and Vegetable Oils Catalyzed by Lipases in a Nonaqueous Medium", BIOTECHNOLOGY AND BIOENGINEERING, Vol. 31, John Wiley & Sons, Inc., (1988), pgs. 208-214							
	Therisod, et al., "Facile Enzymatic Preparation of Monoacylated Sugars in Pyridine", J. Am. Chem. Soc., Vol. 108, (1986), pgs. 5638-5640							
	Klekner, et al., "Biosurfactants for Cosmetics", BIOSURFACTANTS: PRODUCTION-PROPERTIES-APPLICATIONS, New York, (1993), pgs. 373-390 Artamonov, et al., "Synthesis of 6-O-Monoesters of D-Glucose and Aromatic Acids", CHEMISTRY OF							
	NATURAL COMPOUNDS,	Vol. 30, No	. 4, (1994), pgs. 518-519					
	Cao, et al., "Lipase-Catalya BIOTRANSFORMATION, V	Vol. 14, (199	ase Synthesis of Sugar Fatty 97), pgs. 269-283, XP000925	Acid Ester	s", BIOCATA	LYSIS AND		
Examiner		Date C	onsidered					

^{*} EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.